

Title (en)

ALN SINTERED COMPACT, ALN SUBSTRATE AND METHOD OF PRODUCING ALN SUBSTRATE

Title (de)

ALN-SINTERKÖRPER, ALN-SUBSTRAT UND VERFAHREN ZUR HERSTELLUNG EINES ALN-SUBSTRATS

Title (fr)

CORPS FRITTÉ EN ALN, SUBSTRAT EN ALN, ET PROCÉDÉ DE FABRICATION DE SUBSTRAT EN ALN

Publication

EP 3144287 B1 20190807 (EN)

Application

EP 15792229 A 20150414

Priority

- JP 2014098505 A 20140512
- JP 2015061415 W 20150414

Abstract (en)

[origin: EP3144287A1] An AlN sintered compact includes AlN crystal grains and a grain boundary phase, and the grain boundary phase is lower in Vickers hardness than the AlN crystal grains.

IPC 8 full level

C04B 35/581 (2006.01); **H01S 5/022** (2006.01); **H01S 5/02218** (2021.01)

CPC (source: EP KR US)

C04B 35/581 (2013.01 - EP KR US); **C04B 35/6303** (2013.01 - KR US); **C04B 35/64** (2013.01 - KR US); **C09K 5/14** (2013.01 - EP KR US); **H01S 5/0206** (2013.01 - KR US); **H01S 5/02218** (2021.01 - EP KR US); **H01S 5/02476** (2013.01 - KR US); **C04B 2235/3222** (2013.01 - KR US); **C04B 2235/3224** (2013.01 - KR US); **C04B 2235/3255** (2013.01 - KR US); **C04B 2235/3865** (2013.01 - KR US); **C04B 2235/612** (2013.01 - KR US); **C04B 2235/963** (2013.01 - KR)

Designated contracting state (EPC)

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